

Y. lipolytica colony PCR

Introduction

Protocol for *Yarrowia lipolytica* colony PCR. From https://www.researchgate.net/post/Yarrowia_lipolytica_colony_PCR_protocol

Materials

- › 20nM NaOH
- › Colonies on a plate
- › Pipet tips
- ›

Procedure

Prepare template

1. Pick a colony with a pipette tip and resuspend in 5 μ L or more of 20 mM NaOH (5 μ L x n depending on how many different PCRs you want to run with one single clone)
2. Boil for 10 min (@98°C)
3. add 5 μ L of the lysate into 45 μ L standard PCR master mix containing everything but a template
4. Run PCR according to the desired fragment size and used polymerase